



National Weather Service

Storm Data and Unusual Weather Phenomena



April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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CONNECTICUT, Northeast

CTZ002

Hartford

01	0000EST	0	0	Flood
08	1400EST			

Several days of record warm temperatures at the end of March and resulting snowmelt sent the Connecticut River into flood during the last two days of March. The river crested during the first few days of April. Minor flooding occurred along the river for up to ten days at several locations. At Thompsonville, in Hartford County, flood stage is 5 feet and the river crested at 6.5 feet at 11 AM on April 1st then dropped below flood stage at 11 AM on April 6th. At Hartford, where flood stage is 16 feet, the river crested at 21.64 feet at 10 AM on April 2nd then fell below flood stage at 2 PM on April 8th.

Tolland County

Ellington

02	1744EST	0	0	Hail(0.75)
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A thunderstorm brought dime size hail to Ellington, CT. Pea size hail was reported at Stafford, West Stafford, and Tolland in Tolland County. In Hartford County, pea size hail occurred in East Hartford and Windsor.

MASSACHUSETTS, Central and East

MAZ003-010

Eastern Franklin - Eastern Hampshire

01	0000EST	0	0	Flood
06	0900EST			

Several days of record warm temperatures at the end of March and resulting snowmelt sent the Connecticut River into flood during the last two days of March and the river crested during the first few days of April. Minor flooding occurred along the river for up to ten days at several locations. Flood stage for the Connecticut River at Montague is 28 feet and the river crested at 31.10 feet at 2 AM on April 1st and then dropped below flood stage at 4 AM on April 5th. At Northampton, flood stage is 112 feet and the river crested at 115.0 feet at 1 PM on April 1st, then dropped below flood stage at 9 AM on April 6th.

MAZ020>022

Southern Bristol - Southern Plymouth - Barnstable

01	1500EST	0	0	Heavy Rain
02	0300EST			

Heavy rain occurred, with amounts totaling 2 inches or more, over southeast coastal Massachusetts. This included the south portion of Bristol and Plymouth Counties and Cape Cod (Barnstable County). Almost all of the rain occurred during a 12-hour period from 3 PM on April 1st to 3 AM on April 2nd. The maximum total of 3.2 inches was reported from Mashpee. Other amounts included: Sandwich, 2.50 inches; East Falmouth, 2.40 inches; Falmouth, 2.34 inches; New Bedford, 2.08 inches; Acushnet, 2.01 inches; and 2.00 inches at Centerville, Pocasset, South Hyannis, and West Yarmouth. Small hail (bb-size) fell at East Falmouth and pea size hail was reported at Pocasset.

MAZ005>007-013>024

Western Middlesex - Western Essex - Eastern Essex - Western Norfolk - Southeast Middlesex - Suffolk - Eastern Norfolk - Northern Bristol - Western Plymouth - Eastern Plymouth - Southern Bristol - Southern Plymouth - Barnstable - Dukes - Nantucket

09	2200EST	0	0	Strong Winds
10	0800EST			

MAZ024

Nantucket

10	0100EST	0	0	High Wind (G55)
	0300EST			

A strong, intensifying low pressure system moved to the northeast, passing to the south and southeast of Cape Cod. This brought high winds to Nantucket Island, where a peak wind gust to 63 mph was recorded from the northeast during the early morning hours of April 10th. At about the same time, the Buzzards Bay buoy, at an elevation of 80 feet, recorded a peak gust to 67 mph from the north-northeast.

Strong northeast winds affected most of eastern Massachusetts and especially along the coast from Cape Ann to Cape Cod. Some peak wind gusts to 40 mph or more included: Falmouth and Blue Hill in Milton, 55 mph; Hyannis, 54 mph; Provincetown and West



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MASSACHUSETTS, Central and East

Dennis, 52 mph; Plymouth Airport and Fairhaven, 48 mph; Pocasset, 47 mph; Chatham, 45 mph; Boston (Logan Airport), 44 mph; Lawrence, 43 mph; and Taunton Airport, 40 mph. There were no reports of damage. Rainfall amounts of one to one and one-half inches were reported.

MAZ004>007-012>024 Northern Worcester - Western Middlesex - Western Essex - Eastern Essex - Southern Worcester - Western Norfolk - Southeast Middlesex - Suffolk - Eastern Norfolk - Northern Bristol - Western Plymouth - Eastern Plymouth - Southern Bristol - Southern Plymouth - Barnstable - Dukes - Nantucket

23	1200EST	0	0	Strong Winds
24	0000EST			

MAZ016

Eastern Norfolk

23	1835EST	0	0	High Wind (G54)
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A strong low pressure system passing over the Atlantic to the south and southeast of Cape Cod brought rain and strong winds to central and eastern Massachusetts. This nor'easter caused winds gusting to 40 to 50 mph, especially over coastal areas. The Blue Hill Observatory in Milton had a peak wind gust to 62 mph around 7:30 PM. In the town of Spencer, in Worcester County, a large section of an oak tree fell and damaged telephone lines and blocked a local road. There were no other reports of damage.

NEW HAMPSHIRE, Southern

NONE REPORTED.

RHODE ISLAND

RIZ005>007

Bristol - Washington - Newport

01	1500EST	0	0	Heavy Rain
02	0300EST			

Heavy rain occurred across the southern portion of Rhode Island. Ashaway reported 2.50 inches, while Tiverton had 2.35 inches. Most of the rain occurred during a 12-hour period from 3:00 PM on April 1st to 3:00 AM on April 2nd.

RIZ002>007

Southeast Providence - Western Kent - Eastern Kent - Bristol - Washington - Newport

09	2200EST	0	0	Strong Winds
10	0800EST			

A strong and intensifying low pressure system moved northeast, passing to the south and southeast of Cape Cod. It brought strong northeast winds to coastal Rhode Island and inland as far north as the Providence area. There were several reports of peak wind gusts to 40 mph or more, including: Block Island, 51 mph; Newport, 47 mph; and Providence, T.F. Green Airport, 44 mph. There were no reports of damage. Rainfall totals of around 1 inch were reported with this storm.